

To: Ells, Steve[Ells.Steve@epa.gov]
Cc: John Hull[jhull@aquablok.com]
From: John Collins
Sent: Mon 8/10/2015 3:45:39 PM
Subject: FW: Referral to Region 8 - Animas River
1475 ODOT Seep Control.pdf

Hi Steve,

Per the below and attached, we are reaching out to our friends at EPA to let you know that AquaBlok has materials that can address metals in sediments.

I know you are familiar with our activated carbon based product (AquaGate+PAC), but we also have 'coating' materials that have been proven to bind metals.

If you happen to be in a position to pass this information along, that would be appreciated. As I mentioned in my email below, I'm sure this is a very hectic time for those involved at Region 8 – so, I thought it would be worth reaching out to others that may have an ability to help.

Thanks for any positive referral you may be able to provide.

Best, John

John A. Collins|COO

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From: John Collins
Sent: Monday, August 10, 2015 11:16 AM
To: 'Cox.Deborah@epa.gov' <Cox.Deborah@epa.gov>
Cc: John Hull <jhull@aquablok.com>
Subject: Referral to Region 8 - Animas River

Hello Deb,

I'm sure there are many around the country that are suggesting potential remedies for the terrible accident that took place in Colorado. However, as you know, AquaBlok has the ability to provide materials that can be deployed through the water to the sediment – which can bind a range of contaminants. We are hoping that you might be able to pass this information along to your counterpart at Region 8 for their information.

One material we have used in the past for metals is our AquaGate+ProvectIRM. The attached installation profile describes the use of a similar material on an arsenic seep zone that was encountered on a highway construction project in Ohio.

Our concept for the Animas River would be to place this material directly into the river at the point of the discharge and down river from there for some distance. The AquaGate material will effectively bind some amount of the metals at that location, preventing further spread during a high-flow event in the river. As the treatment material migrates down river, it will tend to settle out in similar areas as the metals, providing further binding capacity – and limiting the further spread of metals.

While there is likely no remedy that will effectively limit the impact of the metals that have already migrated down river, the ability to bind some amount of the 'source' material – and therefore limit the further spread during high-flow events, can provide the EPA with a means to enhance or speed the recovery.

Thanks for any help that you can provide. I'm sure your associates in Region 8 are very busy dealing with this situation.

Best, John

John A. Collins|COO

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